



MILITARY GUNS CATALOGUE

| Zastava arms |
| Serbia |

| www.zastava-arms.rs |

Long tradition



Zastava oruzje a.d. is the cradle of Serbian industry. In 1851 a decision was made to move the Gun Foundry from Belgrade to Kragujevac and in 1853 first cannon barrels were cast. This ended the efforts of the Principality of Serbia to have its own production of arms and equipment.

Gun Foundry in Kragujevac, the center of the Principality of Serbia, quickly developed in material and spiritual way. The Gun Foundry had first steam engines, first electric light, first technical school, first quality system and at the World Fair in Paris, in 1889, the Gun Foundry won several medals.

Before the Second World War, the factory was a real industrial giant, with almost twelve thousand employees and ten thousand machines.

After the war, the factory started the production of rifle M48, and today Zastava oruzje a.d. produces modern arms and military equipment.

Years of experience in the field of development of products, technology and capacities created conditions for the transfer of technology to other countries.

As we use CATIA software to design our products, we can quickly respond to the demands of the market.

Strategic decision of Zastava oruzje a.d. is a good position of our product in global world market and cooperation with arms manufacturers in the world.

By applying Quality Management System (QMS) Zastava oruzje a.d. constantly endeavors to improve the quality of products and all processes. QMS (SRPS ISO 9001:2008 and SORS 9000/05) was re-certified in 2010. Permanent investment in education of staff and purchase of state-of-the-art computer equipment and technology results in placement of new products that follow trends in the world market.

With systematic, skilled and creative work, based on tradition of 157 years, Zastava oruzje a.d. tends to keep the trust of the users of products and services.

Content of the buyers is the measure of success of Zastava oruzje a.d.

General manager
Rade Gromovic

A handwritten signature in white ink, appearing to read 'Rade Gromovic', with a large, stylized flourish at the end.

MILITARY

GUNS CATALOGUE

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Zastava oruzje AD
Kragujevac
Serbia

www.zastava-arms.rs

February, 2011



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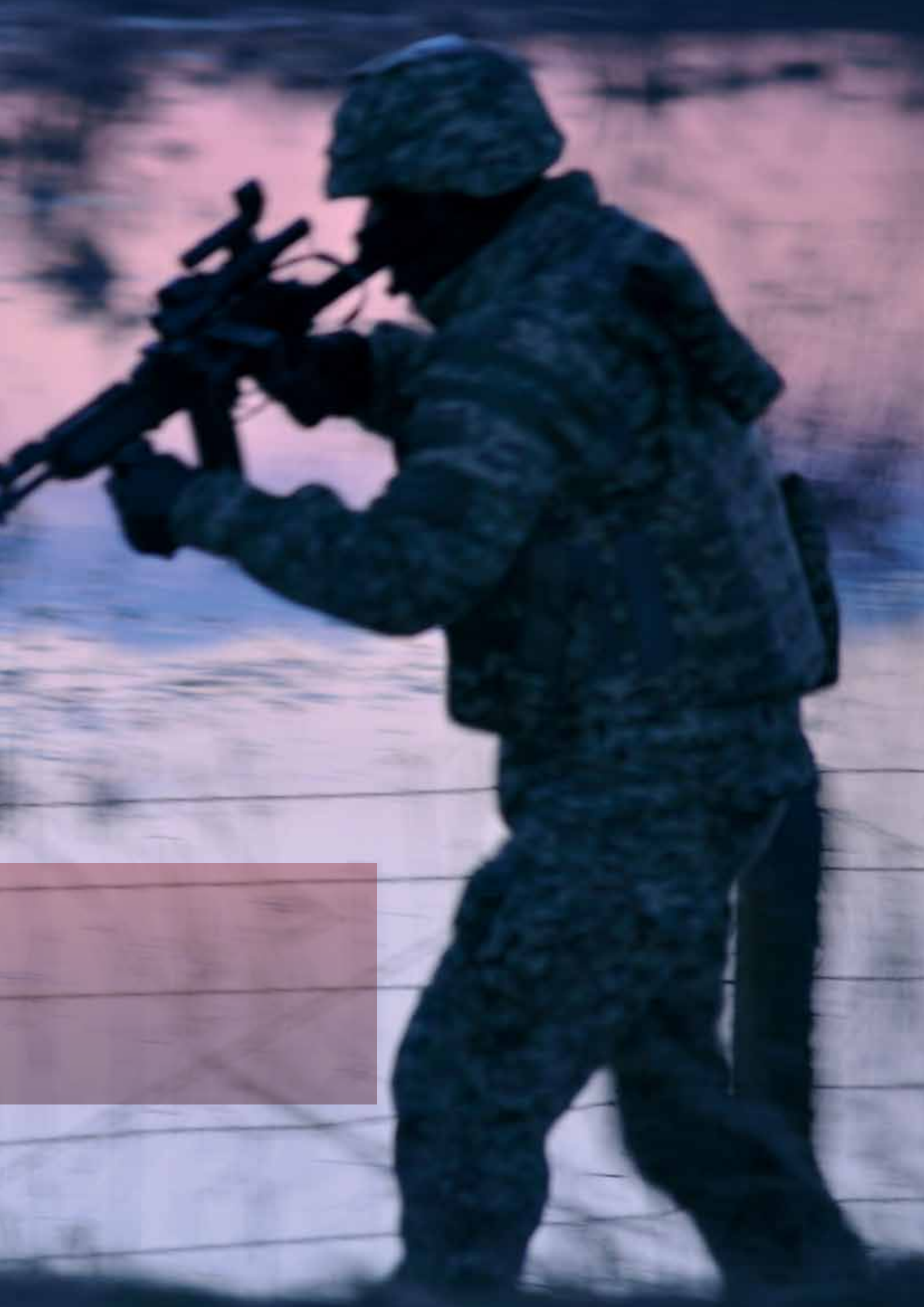
GROUP M21

| Submachine Gun M21A |

| Assault Rifle M21 |

| Assault Rifle M21S |

| Assault Rifle M21BS |



| Submachine Gun M21A |



| Assault Rifle M21 |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg) (with metal magazine)	Weight of magazine (kg) (empty-30 rounds cap. polymer/metal)	Length (mm) (Weapon / Weapon with folded stock)	Barrel length (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)
Submachine Gun M21A	5.56 x 45	177.8	6	3.92	0.15/0.35	815/570	290	Semi&Auto	Gas	Rotating bolt	600	800	200

GROUP M21

| Submachine Gun M21A |

| Assault Rifle M21 |

| Assault Rifle M21S |

| Assault Rifle M21BS |

Battlefield complexity demands weapons of great firing ability, functioning in all environments. The solution is group M21 in caliber 5.56 mm. The weapons belonging to the group are designed on the basis of famous, highly reliable Kalashnikov system.

Features of the group:

- ergonomically designed, with perfect balance
- low recoil
- highly efficient and reliable locking system
- proven and safe type of trigger mechanism
- possibility for night aiming (tritium tubes)
- polymer stock enabling quick change of position
- magazine made of high-quality polymer (option: metal)
- made of best possible raw materials
- hammer forged barrel with chromium plated interior ensuring high accuracy

The members of group M21 have a mounted rail, enabling the assembly of all optoelectronic devices corresponding to NATO standard.

Flash hider hides the position of the shooter. At the same it functions as a stabilizer during shooting.

Individual features:

Submachine Gun

Light-weight and compact.

Assault Rifle M21 and M21S (different barrel lengths - see Technical Characteristics)

Quick and simple assembly of under-barrel grenade launcher (BGP 40mm) which, on customer's demand, can be a part of the accessories. Stock assembled rubber buffer, which is a part of the under-barrel accessories, enables more comfortable shooting from the launcher.

The knife is a part of the accessories.

Accuracy and precision of a sniper rifle.



| Assault Rifle M21S |



| Assault Rifle M21BS |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg) (with metal magazine)	Weight of magazine (kg) (empty-30 rounds cap. polymer/metal)	Length (mm) Weapon / Weapon with folded stock	Barrel length (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Max. effective range (m)
Assault Rifle M21	5.56 x 45	177.8	6	4.17	0.15/ 0.35	1000/750	460	Semi&Auto	Gas	Rotating bolt	560 - 680	890	500
Assault Rifle M21S	5.56 x 45	177.8	6	4.04	0.15/ 0.35	915/666	375	Semi&Auto	Gas	Rotating bolt	560 - 680	890	500
Assault Rifle M21BS	5.56 x 45	177.8	6	4.2	0.15/ 0.35	915/666	375	Semi&Auto	Gas	Rotating bolt	560 - 680	890	500



Assault Rifle M21BS

Specific features of model M21BS are:

- optical sight base is placed on the upper side of receiver cover;
- handle, used for easier handling of the gun, is included in the set. The base for the assembly of the lever is placed on the bottom side of plastic hand guard. The base can accept devices for lighting of the field.

Bases corresponding to NATO standard, known as Picatinny rail.

Accessories of the group

4 spare 30rds magazines
cleaning rod
cleaning kit
oil can
sling
blank ammunition attachment

Special characteristics of the accessories for the group members are defined in Individual and Optional characteristics (knife, under-barrel grenade launcher, optical sight, lever....).







GROUP
7.62x39mm

| Assault Rifle M70 B1/B3 |

| Assault Rifle M70 AB2/AB3 |

| Submachine Gun M92 |

| Light Machine Gun M72B1/AB1 |

| Assault Rifle M70 B1 |



| Assault Rifle M70 AB3 |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg)	Weight of magazine (kg) (empty-30 rounds cap.l)	Weapon length (mm)	Barrel length (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)
Assault Rifle M70B1	7.62 x 39	240	4	4.27	0.36	900	415	Semi&Auto	Gas	Rotating bolt	620	720	300
Assault Rifle M70B3	7.62 x 39	240	4	4.14	0.36	900	415	Semi&Auto	Gas	Rotating bolt	620	720	300
Assault Rifle M70AB2	7.62 x 39	240	4	4.04	0.36	900	415	Semi&Auto	Gas	Rotating bolt	620	720	300
Assault Rifle M70AB3	7.62 x 39	240	4	4.25	0.36	900	415	Semi&Auto	Gas	Rotating bolt	620	720	300



GROUP

7.62x39mm

- | Assault Rifle M70 B1/B3 |
- | Assault Rifle M70 AB2/AB3 |
- | Submachine Gun M92 |
- | Light Machine Gun M72B1/AB1|

A group of guns designed on the basis of Kalashnikov system, proven in numerous wars fought worldwide in the last sixty years.

Features of the group:

- ergonomically designed with perfect balance
- low recoil
- functional in all environments
- use of same magazine, 30 rds. capacity
- light weight and compact
- made of best possible raw materials
- highly efficient and reliable locking system
- possibility for night aiming (tritium tubes)
- highly efficient and reliable locking system
- proven and safe type of trigger mechanism
- hammer forged barrel that ensures high accuracy

Individual characteristics

Rifles

Specific features of the models are shown in the table:

	Stock	Grenade sight	Knife	Under-barrel grenade launcher
M70 B1	wooden	integrated grn. sig.	accepts	BGP 40mm M70
M70 B3	wooden	/	/	BGP 40mm
M70 AB2	folding metal	integrated grn. sig.	accepts	BGP 40mm M70
M70 AB3	folding metal	/	/	BGP 40mm

Explanation:

integrated grn. sig. - Assault rifles have integrated rifle grenade sights, and their complete sets have the rifle grenade attachment.

accepts knife - Assault rifle can accept knife, which is included in the weapon set.

BGP 40mm - underbarrel grenade launcher with a Russian type mount for connection with Assault Rifle. Delivered at customer's request.

BGP 40mm M70 - under-barrel grenade launcher of Zastava design - delivered at customer's request. (The set does not include knife, rifle grenade sights and attachment).



| Submachine Gun M92 |



| Light Machinegun M72 |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weapon weight	Weight of magazine (kg) (empty-30 rounds)	Length (mm) Weapon/Weapon with folded stock	Barrel length (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)
Submachine Gun M92	7.62 x 39	240	4	3.57	0.36	800/540	254	Semi&Auto	Gas	Rotating bolt	645	720	200
Light Machine Gun M72	7.62 x 39	240	4	5.4	0.36	1025	542	Semi&Auto	Gas	Rotating bolt	745	620	400

Submachine Gun

Light-weight and compact.

Light Machine Gun

Light Machine Gun M72 B1 has integrated folding bipod .

Light Machine Gun M72 AB1 has a bipod, which can be taken off (thus creating the possibility to shoot from small holes on armoured vehicles).

Optional characteristics

All members of the group can have optical sight base and the set can include mount, optical sights or night sights.

They can all use drum magazine (75 rounds).



Accessories of the group

4 spare 30rds magazines
cleaning rod
cleaning kit
oil can
sling
blank ammunition attachment

Special characteristics of the accessories for the group members are defined in Individual and Optional characteristics (knife, under-barrel grenade launcher, optical sight....).



A close-up photograph of a soldier in a forest. The soldier is wearing a dark helmet with green leaves and twigs attached to it for camouflage. The soldier's face is partially visible, looking intently through the sights of a rifle. The background is a dense thicket of green leaves and branches. A dark red horizontal band is overlaid on the bottom half of the image, containing white text.

GROUP 7.62x51N

| Assault Rifle M77B1 |
| Light Machine Gun M77 |



| Assault Rifle M77B1 |



| Light Machine Gun M77 |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg)	Weight of magazine (kg), (empty, 20 rounds cap.)	Length of weapon / weapon with folded stock (mm)	Barrel length (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)
Assault Rifle M77B1	7.62x 51 N	240	6	4.24	0.24	990	500	Semi&Auto	Gas	Rotating bolt	600	840	600
Light Machine Gun M77	7.62x 51 N	240	6	5.4	0.24	1025	535	Semi&Auto	Gas	Rotating bolt	600	840	800



GROUP[®]

7.62x51N

| Assault Rifle M77B1 |

| Light Machine Gun M77 |

This group is designed to fully cover the needs of regular and mechanical infantry units, connecting Western cartridge of good ballistic performances and extremely reliable Eastern Kalashnikov design.

Features of the group:

- functional in all environments
- mild recoil
- excellent ergonomics
- highly accurate hammer forged barrel
- chromium plated barrel interior
- made of best possible raw materials
- same magazine is used
- possibility for night aiming
- gas flow regulator
- proven and safe locking system
- reliable trigger mechanism



Individual Characteristics

Assault Rifles

Assault rifles of this group can accept knife, which is included in the weapon set.

Light Machine Gun

Light Machine Gun M77 has integral folding bipod and handle for quick change of combat position.

Optional characteristics

All members of the group can have optical sight base and the set can include mount, optical sights or night sights.

The rifles can have rifle grenade sight (integral or as a part of the set) and rifle grenade attachment in the set.

Light Machine Gun can have detachable bipod and folding stock.

Accessories

4 spare 20rds magazines
cleaning rod
cleaning kit
oil can
blank ammunition attachment

Special characteristics of the accessories for the family members are defined in Individual and Optional characteristics (knife, rifle grenade attachment, optical sight...).







SNIPER RIFLES

| Sniper Rifle M91 |

| Sniper Rifle M07 |

| Sniper Rifle M91 |



Hawkeye

| Sniper Rifle M07 |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg) with OS	Weight of magazine, empty (kg)	Magazine capacity (rnds)	Length of weapon (mm)	Barrel length (mm)	Type of fire	Operation	Locking system	Muzzle velocity (m/s)	Maximum effective range (m)
Sniper Rifle M91	7.62x 54	240	4	5.21	0.22	10	1195	620	Semi	Gas	Rotating bolt	790	1000
Sniper Rifle M07	7.62x 51 N	254	6	5.40	0.25	5	1191	650	Single	Mauser	Rotating bolt	840	1000

SNIPER RIFLES

| Sniper Rifle M91 |

| Sniper Rifle M07 |

Primary demand for this kind of product - high accuracy at large distances - is fulfilled and confirmed in hardest exploiting conditions. The best results are obtained at ranges up to 800m. The possibility of aiming with optical sight and with iron sight is 1000m.

Features of the group:

- possibility of adjusting to different types of fields for easier aiming
- ergonomically designed with perfect balance
- easily controlled
- easy handling and maintenance
- possibility of mounting of different types of optical devices
- possibility of installing of silencer

M91 Semi-Automatic Sniper Rifle

The design of the M91 Semi-Automatic Sniper Rifle is based on the well-known Kalashnikov system provided with possibility of propellant gas flow regulation. This weapon was designed after long and careful study of combat tactics and experience of military and police special forces world wide. The development work has been done under supervision and in close cooperation with some of the most experienced and capable special and antiterrorist units. Apart from extraordinary accuracy and precision, the ergonomics of the stock provides safety and comfortable position of shooter's head during aiming.

Sniper Rifle M07

The design of the Sniper Rifle M07 is based on the famous Mauser M98 Action, which in combination with heavy, hammer forged barrel, guarantees extremely high accuracy. The rifle is furnished with variable geometry wooden stock, with adjustable comb height and length of pull that enables each shooter to set the rifle in accordance with his own body dimensions. The receiver is of polygonal shape, with integrated Picatinny rail (the receiver and the rail are made from one block of steel). Adjustable and detachable folding bipod is attached to the pin placed on the front part of the stock.

A set of spares, tools and accessories belongs to each weapon.







LONG RANGE RIFLE

| M93 Black Arrow |

You can't miss

| Long Range Rifle M93 12.7x108 mm |



| Long Range Rifle M93 .50 Browning |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg) with OS	Weight of magazine (kg)	Weight of optical sight (kg)	Length of weapon (mm)	Length of barrel (mm)	Type of fire	Operation	Locking system	Muzzle velocity (m/s)	Maximum effective range (m)
Sniper Rifle M93	12.7 x 108	381	8	16.5	0.76	1.43	1670	1000	Single	Mauser	Rotating Bolt	800	1600
Sniper Rifle M93	.50 Browning	381	8	16.4	0.76	1.43	1500	840	Single	Mauser	Rotating Bolt	888	1600



LONG[®] RANGE RIFLE

| M93 Black Arrow |



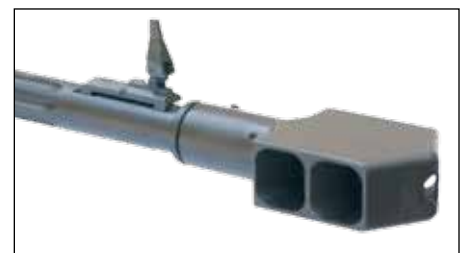
Our designers had a task of creating a weapon capable of destroying various targets at large distances and in different climate and terrain conditions. This is the result - M93 BLACK ARROW.

A long range rifle, made on the basis of Mauser system, which was, during its one hundred years long combat history, proven to be the most accurate and most reliable bolt-action system.

Primary purpose of this rifle is long range engagement of hardly visible targets and due to that, it is provided only with optical sight, which is included in the rifle set (8x magnification with the division up to 1600m). Its mount can accept the sights of other manufacturers as well.

- excellent balance
- stock with two spring buffers
- muzzle brake facilitating shooting (decreasing recoil by 62%)
- stock and forehand made of polymer, reinforced with glass fibres
- adjustable folding bipod - able to fit the size of the cover behind which the rifle is placed
- locking - Mauser system
- bolt guided along the whole length of its movement in the receiver
- heavy barrel for accurate and precise path of fired projectile of large energetic potential
- chromium plated barrel interior
- barrels are made with the technology used on heavy machine gun barrels of the same caliber, which have a ballistic life of more than 5 000 rounds.
- manner of external making of the barrel provides quicker cooling.

A set of spares, tools and accessories belongs to each weapon.





MACHINE GUNS

| M84 |

| M86 |

| M87 |

| M02 Coyote |

| M07 |

| M87 NAVAL |



| M84 7.62 x 54R |

| bipod |



| tripod |



| M86 7.62 x 54R |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg) without OS and ammo box	Weight of mount (kg)	Length of weapon (mm)	Length of barrel (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)	Recommended No of boxes (250 + 100 rds)
Light Machinegun M84	7.62 x 54 R	240	4	8.8	-	1190	603	Automatic	Gas	Rotating Bolt	700-800	825	1000	3+2
Machinegun M84	7.62 x 54 R	240	4	13.3	4.5	1190	603	Automatic	Gas	Rotating Bolt	700-800	825	1000	3+2
Machinegun M86	7.62 x 54 R	240	4	11.6	-	1100	780	Automatic	Gas	Rotating Bolt	700-800	825	1000	3+0

MACHINE GUNS®

| M84 |

| M86 |

Each experienced infantryman knows that sustained machine gun fire is his best friend when coming from his own side, and his worst enemy when coming from the other. These machine guns are capable of delivering long range accurate fire in all weather and ground conditions, day and night. They also have a credit of a key weapon in many combats, capable of solving almost impossible tactical situations.

- all metal parts made of high tensile steel
- hammer forged barrel
- chromium plated barrel interior, ensuring the ballistic life of more than 18 000 rounds
- machining of functional parts done on state-of-the-art CNC machinery
- all parts and subassemblies thoroughly controlled prior to final assembly
- after assembly, each machine gun tested and approved
- belt-fed with 100 or 250 round belts, placed in appropriate ammo boxes
- gas flow regulator to cope with extreme weather and ground conditions
- for cooling purposes and for longer service life of the weapon, the barrel can be detached and replaced in the matter of seconds

M84

Intended for the realization of infantry units demands.

- can be delivered with or without tripod mount and optical sight (ON M80)
- can be used on a folding bipod enabling shooting on different terrains
- stable tripod mount and mild recoil of the gun provide very accurate fire
- height of the mount can be adjusted to fit the size of the cover behind which it is placed
- the mount is equipped with an attachment that allows shooting at air targets

M86

Intended for mounting on tanks and combat vehicles as an auxiliary machine gun.

- simple assembly on different combat vehicles
- electro-triggering mechanism with the possibility of mechanical triggering
- not fitted with sights, being directed onto the target by the tank fire control system

Together with machine guns, Spares and Accessories are delivered, two types of ammunition boxes (100/250rds) and belt loading machine (amount on manufacturer's recommendation or on customer's demand).



| M87 |



| M02 Coyote |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg)	Weight of spare barrel (kg)	Weight of ammo box (kg)	Weight of 60 rds belt (kg)	Length of weapon (mm)	Length of barrel (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)
Machine Gun M87	12.7 x 108 .50 Browning	381	8	24.8	9.3	3.5	1.25	1560	1100	Auto	Gas	Rotating Bolt	700	820-860	1500

MACHINE GUNS®

| M87 |

| M02 Coyote |

Machine Gun M87

M87 heavy machine gun uses design of the famous NSV, the best heavy machine gun ever designed. This design provides reliable, jam-proof operation in any ground or weather conditions.

- made of high tensile heat treated steel forgings
- hard chromium plated barrel interior
- front and rear mechanical sights
- functional parts machined on state-of-the-art CNC machinery that enables very accurate production and very low tolerances
- each gun is subjected to rigorous testing and approval
- belt-fed
- empty cases ejected forward
- barrel can be quickly detached for cooling or cleaning
- spare barrel prolongs the service life of the weapon
- gas chamber equipped with gas flow regulator

PURPOSE

- * anti-aircraft machine gun on battle tanks and armoured vehicles
- * providing efficient anti-aircraft protection for highly mobile, light mountain infantry units, but also providing heavy, long-range accurate fire on ground targets
- * providing efficient fire against water- surface and costal targets

Depending on purpose and the type of combat means on which it is placed, the gun is used with appropriate mount.

M02 Coyote

Machine Gun M02 Coyote is formed when the Machine Gun M87 is set to the cradle fixed to a tripod. Pistol trigger mechanism, stock with buffer and optical sight are assembled to the machine gun.

These assemblies provide high mobility of the gun, with excellent control of fire. Primary function of M02 Coyote is provision of efficient anti-aircraft protection for highly mobile, light mountain infantry units, but also provision of heavy, long-range accurate fire on ground targets.





| M07 |



| M87 TANK |

| M87 NAVAL |

Technical Characteristics

Model	Calibre (mm)	Weight of weapon (kg)	Weight of mount (kg)	Length of weapon (mm)	Horizontal field of action (°)	Vertical field of action (°)	Recommended number of ammunition boxes	Recommended number of weapons using one filler	Weight (kg) Set / Filler
Machine Gun M87 TANK	12.7x108 mm / .50 Browning	63.3	38.5	1750	150	-5 to +80	3	1	11.5 / 6.6
Machine Gun M87 NAVAL		125.8	101	2400	360	-5 to +80	3		
Machine Gun M02 Coyote		48.8	24	1970	25	-25 to +45	3+3		
Machine Gun M07		43.8	19	1760	360	-25 to +45	3		

MACHINE GUNS®

- | M07 |
- | M87 TANK |
- | M87 NAVAL |

M07

Machine Gun M07 is formed when the Machine Gun M87 is set to a cradle fixed to a post on a vehicle. Trigger mechanism with control levers is assembled to the machine gun. Area covered with fire from transport means can be limited, so as to provide maximum safety of the crew of the transport means.

Primary purpose of M07 is provision of efficient anti-aircraft protection for highly mobile, light mountain infantry units, but also provision of heavy, long-range accurate fire on ground targets.

M87 TANK

Machine Gun M87 – TANK version is formed when the Machine Gun M87 is set to Rotating base.

Rotating base can easily and quickly change elevation through elevation mechanisms and springs. Chosen position is fixed by a stop on the elevation device. This mount is assembled to tanks or light armoured vehicles.

Primary function of M87 TANK VERSION is provision of efficient fire against water- surface and costal targets.

M87 NAVAL

Machine Gun M87 - NAVAL version is formed when the Tank Version of Machine Gun M87 is assembled to the bell-shaped Mount.

The Machine Gun M87 - NAVAL can be fixed to a boat or a vehicle by connecting the Mount to the foundation with screws.

Primary function of M87 Naval is provision of efficient fire against water- surface and costal targets.

Machine Guns

Spares (including spare barrel), accessories, ammunition boxes (60 rds), cartridge belts and belt filler (quantity on manufacturer's recommendation or on customer's demand) are delivered with each machine gun.

Depending on the type of mount, together with the weapon, accessories for the mount are delivered.



At customer's request, described versions of machine guns can be assembled to other transport means.







UNDER-BARREL GRENADE LAUNCHER

| BGP 40mm |
| BGP 40mm M70 |

| BGP-40mm |



Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Weight of weapon (kg)	Weight of rubber buffer (kg)	Length of launcher (mm)	Length of barrel (mm)	Type of fire	Muzzle velocity (m/s)	Sight division for direct aiming (m)	Sight division for indirect aiming (m)	Length of HE grenade (mm)	Weight of HE grenade (kg)	Action radius for HE grenade (m)
BGP - 40 mm	40	1000	1.5	0.15	323	120	Single shot	76.5	50-400	200-350	103	0.25	20
BGP - 40 mm M70	40	1000	1.5	0.15	323	120	Single shot	76.5	50-400	200-350	103	0.25	20

UNDER-BARREL GRENADE LAUNCHER

| BGP - 40mm |

| BGP - 40mm - M70 |

The difference between these two versions is in dimensions of parts used for assembly to the rifle.



Under-barrel Grenade Launcher is intended for neutralization of enemy's live force, firearms and unarmoured vehicles:

50 to 350 m direct fire (bottom part of angles on sighting device)

200 to 300 m indirect fire (bottom part of angles on sighting device)

Under-barrel Grenade Launcher can accept the following ammunition:

- HE grenade
- cumulative grenades
- incendiary
- smoke
- practice

The design prevents firing from Under-barrel Grenade Launcher when it is not on the rifle, although it functions as a system that is separate from the rifle.

The interior of the barrel is chrome plated.

Rubber buffer is set to the rifle to amortize the blow during firing.

In direct firing, aiming is done through iron sights (front and rear).

In indirect aiming, the shooter uses plummet.

Under-barrel Grenade Launcher is carried in its holster or on a combat vest (when stripped)

The complete set of the gun includes a carrying bag for 10 grenades.

At customer's request, Under-barrel Grenade Launcher can be adapted to fit the rifles of other manufacturers.

Versions:

BGP - 40 mm is a version that is assembled to Assault Rifles: M21, M21S, M70B3 and M70AB3

BGP - 40 mm - M70 is a version that is assembled to Assault Rifles M70B1 and M70AB2
The difference between these two versions is in dimensions of parts used for assembly to the rifle.





AUTOMATIC GRENADE LAUNCHER

| M93 30 mm |



| M93 |

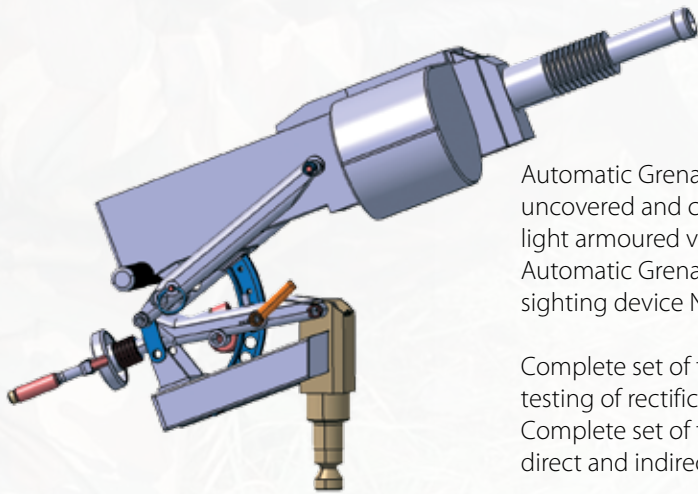


Technical Characteristics

Model	Calibre (mm)	Twist rate (mm)	Number of grooves	Weight of weapon (kg)	Weight of tripod (kg)	Length of weapon (mm)	Length of barrel (mm)	Type of fire	Operation	Locking system	Rate of fire (rds/min)	Muzzle velocity (m/s)	Maximum effective range (m)
Automatic Grenade Launcher M93	30 mm	720	12	35	14	857	380	Automatic	Free recoil of the bolt	Inertial	50 - 400	186	1700

AUTOMATIC[®] GRENADE LAUNCHER

| M93 30 mm |



Automatic Grenade Launcher M93 is an infantry weapon intended for destruction of uncovered and covered live force at distances up to 1700 m, as well as for destruction of light armoured vehicles at distances up to 1000 m.

Automatic Grenade Launcher M93 set includes: 30 mm Grenade Launcher, mount, sighting device NSBG-1, ammunition boxes with belts (30 links).

Complete set of the weapon includes Rectification sight DR - 30 for rectification and testing of rectification without firing live ammunition.

Complete set of the weapon includes sighting device NSBG-1, that enables direct, semi-direct and indirect aiming and aiming when the visibility is low.

Automatic Grenade Launcher M93 can only fire bursts, and the rate of fire can be changed.

The interior of the barrel is chrome plated.

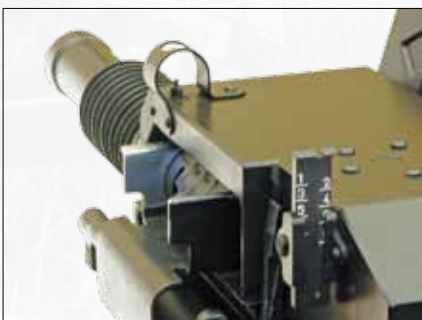
Automatic Grenade Launcher M93 is loaded from a belt that is placed in the drum. The drum has the capacity of 29 grenades.

It uses 30 mm HE, cumulative, practice and practice - marker grenades.

The belt is filled in the belt filler that is supplied within the set of Automatic Grenade Launcher M93.

The design of tripod enables quick change from marching to combat position and vice versa.

At customer's request and depending on tactical purpose, Automatic Grenade Launcher M93 is assembled to combat vehicles and helicopters.







PISTOLS

| CZ 999 Scorpion |

| EZ 9 |

| EZ 9 Compact |

| CZ 999 Scorpion 9 mm |



| EZ 9 mm |



| EZ 9 mm Compact |



Technical Characteristics

Model	Calibre (mm)	Capacity (rounds)	Twist rate (mm)	Number of grooves	Weight of weapon (kg)	Barrel length (mm)	Length (mm)	Height (mm)
CZ 999 Scorpion	9mm	15 / 10	250	6	0.930	108	198	140
EZ 9	9mm	15 / 10	250	6	0.950	108	198	140
EZ 9 Compact	9mm	15 / 10	250	6	0.900	98	188	140

PISTOLS

| CZ 999 Scorpion |

| EZ 9 |

EZ 9 Compact |

PISTOL CZ999 Scorpion

Pistol CZ999 Scorpion is a semi-automatic gun, functioning on the principle of short recoil of the barrel. Locking is achieved by vertical oscillation of the barrel, that comes into the hole on the slide.

Pistol is a modern weapon used as service gun and as self-defence gun. Due to excellent design, ergonomics, state-of-the-art technology methods in production, gun is distinguished by precision, accuracy and functionality.

The frame of the pistol is made of aluminium alloy, so a robust gun has small weight. Chrome plated barrel guarantees long service life and easy maintenance.

It functions as a single action or a double action pistol.

Feeding is done from a double-row detachable magazine with the capacity of 10 or 15 rounds (depending on calibre).

All controls on the pistol are ambidextrous and they can be used either with the left or the right hand. The design of the pistols enables the controls to have several functions.

Loaded chamber indicator shows whether a round is in the barrel.

Sights are square, with white spots and they provide easier aiming when the visibility is low.

PISTOL EZ9

The basic design for pistols EZ9 is Pistol CZ999 Scorpion. Additional features are a mounted rail, enabling the assembly of all optoelectronic devices corresponding to NATO standard and open hammer.

PISTOL EZ9 Compact

PISTOL EZ9 Compact is a version of standard pistol EZ 9 with the barrel that is shorter by 10mm.

All other features, except the ones regarding the barrel length (length of the slide and the pistol, weight) are identical to the features of standard models.





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